

SILICABLE®
FHLR2G LV216

Singlecore

-40°C to +180°C**Class E according to ISO 6722-1****LV 216-2 table A2**

+180°C (3000 h)

+205°C (240 h)

Approvals - standards*

- LV 216-2 table A2, ISO 6722-1
EN 13602
- IEC 60754-1 halogen free

Applications

- Single core silicone power cable for use in hybrid and electrical vehicles.

Specific characteristics

- High Voltage requirements according to LV 216-2
- Voltage rating: 600 VAC / 1000 VDC
- Test voltage: 5 kV 5 minutes
- Sparktest: 8 kV
- Excellent flexibility
- Flame retardant
- Bending radius: 3 x D

Colour code

- Orange
(others on request)



- 1 • Flexible bare copper core according to ISO 6722-1 and EN 13602
- 2 • Silicone insulation

CONSTRUCTION ACCORDING TO LV 216-2 TABLE A2

Item code	Nominal cross section (mm ²)	Number & diameter of strands nom. /max. (nb. x mm)	Conductor diameter max. (mm)	Insulation thickness min. (mm)	Cable outside diameter		Maximum linear resistance at 20°C (Ω/ km)
					max. (mm)	min. (mm)	
A2512001	4	120 x 0.21	2.8	0.32	3.4	3.7	4.71
A2512002	6	183 x 0.21	3.4	0.32	4	4.3	3.14
A2512003	10	320 x 0.21	4.5	0.48	5.4	6.0	1.82
A2512004	16	512 x 0.21	5.8	0.52	6.6	7.2	1.16
A2512005	25	790 x 0.21	7.2	0.64	8.2	8.8	0.743
A2512006	35	1070 x 0.21	8.5	0.64	9.8	10.5	0.527
A2512007	50	1600 x 0.21	10.5	0.71	11.5	12.2	0.368
A2512008	70	2175 x 0.21	12.5	1.2	14	15.5	0.259
A2512009	95	3000 x 0.21	14.8	1.2	16.2	18.0	0.196
A2512010	120	3700 x 0.21	16.5	1.28	17.9	19.7	0.153

* Standards: our products comply with all or part of the requirements of standards quoted: contact us
Other cross-sections available on request

For this product, please contact:

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LES CABLES DE L'EXTREME

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For an optimum use of the cables produced by our company, we recommend testing in real conditions. Our sales department is available for a possible provision of samples, and/or for the conditions of a complete study in our laboratories.
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